

$$G = 10^{5000}$$

n - G b n - b - G

100000, 31147, 68853
100002, 309371, -209369
100004, 31151, 68853
100006, 31153, 68853
100008, 12569, 87439
100010, 13553, 86457
100012, 31159, 68853
100014, 108923, -8909
100016, 12577, 87439
100018, 592237, -492219
100020, 104987, -4967
100022, 12583, 87439
100024, 13567, 86457
100026, 18287, 81739
100028, 12589, 87439
100030, 31177, 68853
100032, 61871, 38161
100034, 13577, 86457
100036, 31183, 68853
100038, 108947, -8909
100040, 12601, 87439
100042, 31189, 68853
100044, 457091, -357047
100046, 18307, 81739
100048, 13591, 86457
100050, 12611, 87439
100052, 12613, 87439
100054, 13597, 86457
100056, 105023, -4967
100058, 12619, 87439
100060, 54151, 45909
100062, 108971, -8909
100064, 103091, -3027
100066, 87943, 12123
100068, 18329, 81739
100070, 13613, 86457
100072, 31219, 68853
100074, 264881, -164807
100076, 12637, 87439

100078, 107971, -7893
100080, 12641, 87439
100082, 76913, 23169
100084, 13627, 86457
100086, 12647, 87439
100088, 61927, 38161
100090, 13633, 86457
100092, 12653, 87439
100094, 61933, 38161
100096, 87973, 12123
100098, 12659, 87439
100100, 31247, 68853
100102, 31249, 68853
100104, 105071, -4967
100106, 13649, 86457
100108, 640669, -540561
100110, 12671, 87439
100112, 31259, 68853
100114, 87991, 12123
100116, 122033, -21917
100118, 18379, 81739
100120, 31267, 68853
100122, 61961, 38161
100124, 31271, 68853
100126, 13669, 86457
100128, 12689, 87439
100130, 31277, 68853
100132, 76963, 23169
100134, 122051, -21917
100136, 12697, 87439
100138, 13681, 86457
100140, 18401, 81739
100142, 12703, 87439
100144, 13687, 86457
100146, 152993, -52847
100148, 13691, 86457
100150, 13693, 86457

st := 107.406

1000000, 35509, 964491
1000002, 113, 999889
1000004, 69193, 930811

1000006, 95233, 904773
1000008, 69197, 930811
1000010, 31873, 968137
1000012, 35521, 964491
1000014, 69203, 930811
1000016, 127, 999889
1000018, 35527, 964491
1000020, 131, 999889
computing time : 8981.312 s